



THE FLORIDA LEGISLATURE

**OFFICE OF ECONOMIC AND DEMOGRAPHIC RESEARCH**

Edward Montanaro, Coordinator



MEMORANDUM

TO: John Turcotte, Director  
Office of Program Policy Analysis and Government Accountability

FROM: Edward Montanaro, Coordinator  
Office of Economic & Demographic Research

DATE: October 19, 2001

RE: Year 2 Report of the Longitudinal Study of the Jobs for Florida's Graduates Program

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Pursuant to legislation enacted by the Florida Legislature in 1998 (Ch. 98-218 [HB 1901], subsequently codified as Section 446.609, F.S.), the Office of Economic and Demographic Research is required to "undertake . . . an ongoing longitudinal study of participants to determine the overall efficacy of the [Jobs for Florida's Graduates] program" (see s. 446.609(13)(b)). This memorandum presents the selection process and data collected for the second year of the study. (See Appendix A for our report on the first year of the study.)

Methodology. Our study uses a control group methodology in which participants in the Jobs for America's Graduates (JAG) program are compared to a similarly situated control group. To compare the two groups, we are utilizing the Department of Education's Florida Education and Training Placement Information Program (FETPIP) to check the employment, earnings, military enlistment, and continuing education experience of each group. We will examine each set of JAG participants and controls each year for at least five years, and we will add a new set of JAG participants and controls each year for at least three years. A detailed description of the methodology used for the study is shown Appendix A.

The first year of the JAG program produced graduates in FY 1998-99 (Class of 1999). (Because the databases used for FETPIP tracking are available in March of the year following graduation, the first year of the program produced output in October 2000.) The second year of the JAG program produced graduates in FY 1999-2000 (Class of 2000). Results of tracking the Class of 1999 for two years and the Class of 2000 for one year are now available.

Class of 1999 Results. This is the second year of tracking for the JAG Class of 1999 and its corresponding control group. See Appendix A for details of the two groups' selection and composition.

Of the 543 Class of 1999 JAG participants from last year, 417 (76.8%) were found to match one or more of FETPIP's employment, education, public assistance, and

corrections databases, compared to 439 in the first year. Of the 988 Class of 1999 Control participants from last year, 726 (73.5%) were found to match one or more FETPIP databases, compared to 743 in the first year.

A total of 373 1999 JAG participants and 611 1999 Control participants were found in both Year 1 and Year 2. Table 3 compares the outcomes for the participants with two years of tracking, for selected statistics. Generally speaking, the JAG students appear somewhat more likely to be employed in Florida and somewhat less likely to be continuing their education in a Florida post-secondary institution. This difference holds for both years.

| Table 1.   |        |         |        |         |
|--|--------|---------|--------|---------|
| OUTCOMES OVER TIME FOR CLASS OF 1999 - STUDENTS WITH OUTCOMES IN YEAR 1 AND YEAR 2 |        |         |        |         |
| Number   | Year 1 |         | Year 2 |         |
|  | JAG    | Control | JAG    | Control |
| All with outcomes  | 373    | 611     | 373    | 611     |
| Florida employment   | 328    | 495     | 336    | 518     |
| Federal employment   | 3      | 1       | -      | 2       |
| In military  | 2      | 8       | 2      | 7       |
| Florida Continuing Education   | 117    | 269     | 128    | 297     |
| ..continuing education and also employed   | 80     | 179     | 99     | 222     |
| Earnings:  |        |         |        |         |
| ..Less than full-time (Qtrly=\$2,678)  | 190    | 311     | 148    | 262     |
| ..Wages between \$5.15-\$7.49/hour (Qtrly \$2,678 to \$3,899)                      | 72     | 113     | 68     | 119     |
| ..Wages between \$7.50-\$8.99/hour (Qtrly \$3,900 to \$4,679)                      | 27     | 36      | 54     | 56      |
| ..Wages at least \$9.00 per hour (Qtrly at least \$4,680)                          | 39     | 34      | 66     | 81      |
| Receiving TANF &/or AFDC   | 7      | 12      | 5      | 7       |
| DOC data: incarcerated   | -      | -       | 3      | 1       |
| DOC data: community supervision  | 9      | 8       | 20     | 11      |
| Percentages of All with Outcomes   | Year 1 |         | Year 2 |         |
|  | JAG    | Control | JAG    | Control |
| All with outcomes  | 100.0% | 100.0%  | 100.0% | 100.0%  |
| Florida employment   | 87.9%  | 81.0%   | 90.1%  | 84.8%   |
| Federal employment   | 0.8%   | 0.2%    | 0.0%   | 0.3%    |
| In military  | 0.5%   | 1.3%    | 0.5%   | 1.1%    |
| Florida Continuing Education   | 31.4%  | 44.0%   | 34.3%  | 48.6%   |
| ..continuing education and also employed   | 21.4%  | 29.3%   | 26.5%  | 36.3%   |
| Earnings:  |        |         |        |         |
| ..Less than full-time (Qtrly=\$2,678)  | 50.9%  | 50.9%   | 39.7%  | 42.9%   |
| ..Wages between \$5.15-\$7.49/hour (Qtrly \$2,678 to \$3,899)                      | 19.3%  | 18.5%   | 18.2%  | 19.5%   |
| ..Wages between \$7.50-\$8.99/hour (Qtrly \$3,900 to \$4,679)                      | 7.2%   | 5.9%    | 14.5%  | 9.2%    |
| ..Wages at least \$9.00 per hour (Qtrly at least \$4,680)                          | 10.5%  | 5.6%    | 17.7%  | 13.3%   |
| Receiving TANF &/or AFDC   | 1.9%   | 2.0%    | 1.3%   | 1.1%    |

|                                 |      |      |      |      |
|---------------------------------|------|------|------|------|
| DOC data: incarcerated          | 0.0% | 0.0% | 0.8% | 0.2% |
| DOC data: community supervision | 2.4% | 1.3% | 5.4% | 1.8% |

JAG Class of 2000. For FY 1999-2000, 30 schools reported senior JAG participants. In July 2000, we received a final listing of the 1,192 JAG Class of 2000 seniors from the program's coordinators in Tampa. From this list, 1,162 participants had sufficient identification to allow submission to FETPIP for analysis. This is the first year of tracking for the JAG Class of 2000. A list of the schools with senior participants in the JAG program is shown in Table 2. Participant schools that were in the program last year and new to the program this year are noted.

| TABLE 2. Jobs for Florida's Graduates Program |                            |                     |                     |
|---|----------------------------|---------------------|---------------------|
| Schools with Senior Participants              |                            |                     |                     |
| FY 1999-2000 - Class of 2000                  |                            |                     |                     |
| School District                               | School                     | Participant in 1999 | Participant in 2000 |
| Bay   | A.D. Harris HS             | No                  | Yes                 |
| Broward                                       | Boyd Anderson HS           | Yes                 | Yes                 |
| Broward                                       | Dillard HS                 | No                  | Yes                 |
| Broward                                       | Ely HS                     | No                  | Yes                 |
| Broward                                       | Miramar HS                 | No                  | Yes                 |
| Dade  | American Senior HS         | No                  | Yes                 |
| Dade  | Hialeah HS                 | No                  | Yes                 |
| Dade  | Miami Central HS           | No                  | Yes                 |
| Dade  | Miami Edison HS            | No                  | Yes                 |
| Dade  | Miami Jackson HS           | No                  | Yes                 |
| Dade  | Miami Norland HS           | Yes                 | Yes                 |
| Dade  | Miami Springs HS           | Yes                 | Yes                 |
| Duval   | Edward White HS            | Yes                 | Yes                 |
| Duval   | Jean Ribault HS            | Yes                 | Yes                 |
| Escambia                                      | Escambia HS                | Yes                 | Yes                 |
| Escambia                                      | Pensacola HS               | Yes                 | Yes                 |
| Indian River                                  | Sebastian River HS         | No                  | Yes                 |
| Lee   | Ft. Myers HS               | Yes                 | Yes                 |
| Lee   | Riverdale HS               | No                  | Yes                 |
| Marion  | Belleview HS               | Yes                 | Yes                 |
| Orange  | Maynard Evans HS           | Yes                 | Yes                 |
| Orange  | Oak Ridge HS               | Yes                 | Yes                 |
| Osceola                                       | St. Cloud HS               | Yes                 | Yes                 |
| Polk  | Lake Alfred Career Academy | Yes                 | Yes                 |
| Putnam  | Interlachen HS             | No                  | Yes                 |
| Putnam  | Palatka HS                 | Yes                 | Yes                 |

|          |                     |     |     |
|----------|---------------------|-----|-----|
| Sarasota | Booker HS           | No  | Yes |
| Sarasota | Riverview HS        | Yes | Yes |
| Sarasota | Sarasota HS         | Yes | Yes |
| Volusia  | New Smyrna Beach HS | No  | Yes |

Schools participating in the Class of 1999 but not in the Class of 2000 were: Ely HS (Broward); Vero Beach HS (Indian River); Lake Weir HS (Marion); and Evelyn Hamblen Center (St. Johns).

Control Group Class of 2000. In October 2000, the Department of Education provided us with a Fall 1999 list of 8,489 12<sup>th</sup> grade students from the same schools. From this list, we found 8,076 students with valid identification who were not in the JAG participant group and who matched the characteristics of JAG participants. Students were coded along the same three variables as the JAG participants: gender (male or female); ethnicity (black, Hispanic, other, or white); and free lunch status (eligible or not eligible). An attempt was made to select two students from each code for each JAG student in that school with that code to ensure that an adequately large control group remains in the final years of the study. In some cases, there were not enough students with matching codes to create a two-for-one match. After the matching and random selection process, a control group of 2,121 students was selected.

Table 3 displays the gender, ethnicity, and free or reduced price lunch eligibility status of both the JAG participants and the Control group for the Class of 2000.

| TABLE 3. Jobs for Florida's Graduates Program                          |       |        |                       |        |  |
|--|-------|--------|-----------------------|--------|--|
| Characteristics of JAG Class of 2000 Compared to Control Class of 2000 |       |        |                       |        |  |
| JAG Class of 2000  |       |        | Control Class of 2000 |        |  |
|  | N     | %      | N                     | %      |  |
| <b>Gender</b>  |       |        |                       |        |  |
| Male   | 608   | 52.3%  | 1,117                 | 52.7%  |  |
| Female   | 554   | 47.7%  | 1,004                 | 47.3%  |  |
| TOTAL  | 1,162 | 100.0% | 2,121                 | 100.0% |  |
| <b>Ethnicity</b>   |       |        |                       |        |  |
| Black  | 574   | 49.4%  | 1,097                 | 51.7%  |  |
| Hispanic   | 231   | 19.9%  | 462                   | 21.8%  |  |
| Other*   | 106   | 9.1%   | 107                   | 5.0%   |  |
| White  | 251   | 21.6%  | 455                   | 21.5%  |  |
| TOTAL  | 1,162 | 100.0% | 2,121                 | 100.0% |  |
| *Other includes Asian, American Indian and Multiracial.                |       |        |                       |        |  |
| <b>Eligible for free or reduced price lunch</b>                        |       |        |                       |        |  |
| No   | 551   | 47.4%  | 1,071                 | 50.5%  |  |
| Yes  | 611   | 52.6%  | 1,050                 | 49.5%  |  |
| TOTAL  | 1,162 | 100.0% | 2,121                 | 100.0% |  |

Class of 2000 Results. Of the 1,162 JAG participants submitted to FETPIP, 1,145 (98.5%) had valid identification for matching. Of these, 903 (78.9%) were found to match one or more of FETPIP's employment, education, public assistance, and corrections databases. Of the 2,121 Control group 12<sup>th</sup> graders submitted to FETPIP, 2,113 (99.6%) had valid identification for matching. Of these, 1,698 (80.4%) were found to match one or more FETPIP databases.

Table 4 compares the Class of 2000 JAG participants with the control group, for those individuals who matched one or more FETPIP databases. Those with matches in the FETPIP data seem closely matched demographically.

| TABLE 4. Jobs for Florida's Graduates Program           |                   |        |                       |        |
|---|-------------------|--------|-----------------------|--------|
| Characteristics of JAG Class of 2000 with Outcomes      |                   |        |                       |        |
| Compared to Control Class of 2000 with Outcomes         |                   |        |                       |        |
|   | JAG Class of 2000 |        | Control Class of 2000 |        |
|   | With Outcome Data |        | With Outcome Data     |        |
|   | N                 | %      | N                     | %      |
| Gender  |                   |        |                       |        |
| Male  | 408               | 45.2%  | 762                   | 44.9%  |
| Female  | 495               | 54.8%  | 936                   | 55.1%  |
| TOTAL   | 903               | 100.0% | 1,698                 | 100.0% |
| Ethnicity   |                   |        |                       |        |
| Black   | 436               | 48.3%  | 873                   | 51.4%  |
| Hispanic  | 188               | 20.8%  | 371                   | 21.8%  |
| Other*  | 81                | 9.0%   | 79                    | 4.7%   |
| White   | 198               | 21.9%  | 375                   | 22.1%  |
| TOTAL   | 903               | 100.0% | 1,698                 | 100.0% |
| *Other includes Asian, American Indian and Multiracial. |                   |        |                       |        |
| Eligible for free or reduced price lunch                |                   |        |                       |        |
| No  | 431               | 47.7%  | 864                   | 50.9%  |
| Yes   | 472               | 52.3%  | 834                   | 49.1%  |
| TOTAL   | 903               | 100.0% | 1,698                 | 100.0% |

As in the two-year comparison for the Class of 1999, more of 12<sup>th</sup> grade control group (47% to 39%) opted to continue their education, while more of the JAG participants (62% to 57%) were found employed.

Results of FETPIP Outcome Comparisons. Results of the FETPIP analysis are shown in the attachments to this report. For the Class of 1999, the data represents the second year of tracking; this is the first year of data for the Class of 2000. Next year's data will include the third year for the Class of 1999, the second year for the Class of 2000, and the first year for the Class of 2001.

## APPENDIX A

**1998-99 JOBS FOR FLORIDA'S GRADUATES - CLASS OF 1999 PARTICIPANTS - FALL 2000 FINDINGS**

**TOTAL INDIVIDUALS 543**

**TOTAL WITH OUTCOME DATA**

**417 77%**

**FLORIDA EMPLOYMENT DATA (4th QTR)**

|                                      |                |            |
|--------------------------------------|----------------|------------|
| FOUND EMPLOYED                       | <b>372</b>     | <b>69%</b> |
| AVERAGE EARNINGS - ALL               | <b>\$3,141</b> |            |
| ESTIMATED FULL TIME/FULL QTR (FT/FQ) | <b>206</b>     | <b>55%</b> |
| AVERAGE FT/FQ EARNINGS               | <b>\$4,594</b> |            |

*Percent working full qtr is of those employed.  
FT/FQ = earnings of at least \$2,678 per qtr (min. wage x 13 wks. x 40 hrs.)*

**EARNINGS BY LEVEL\***

Number of employed earning:

|   |            |            |
|---|------------|------------|
| Less Than Full Time/Full Qtr<br>(Qtrly Wage less than \$2,678)                                    | <b>166</b> | <b>45%</b> |
| Wages Between \$5.15 and \$7.49 Inclusive<br>(Qtrly Wages at least \$2,678 but less than \$3,900) | <b>78</b>  | <b>21%</b> |
| Wages Between \$7.50 and \$8.99 Inclusive<br>(Qtrly Wages at least \$3,900 but less than \$4,680) | <b>55</b>  | <b>15%</b> |
| Wages at Least \$9.00 per hr.<br>(Qtrly Wages at least \$4,680)                                   | <b>73</b>  | <b>20%</b> |

*\*Levels determined by qtrly wage / 520 hrs. (40 hrs. x 13 wks.)*

**FEDERAL EMPLOYMENT DATA**

|   |               |           |
|---|---------------|-----------|
| CIVILIAN EMPLOYMENT<br>(U.S. Post Office, U.S. Civil Service) | <b>** ***</b> | <b>0%</b> |
| FOUND IN THE MILITARY   | <b>5</b>      | <b>1%</b> |

**FLORIDA CONTINUING EDUCATION DATA**

|  |               |            |
|--|---------------|------------|
| TOTAL CONT. THEIR EDUCATION (Unduplicated) | <b>138</b>    | <b>25%</b> |
| ... IN DISTRICT POSTSECONDARY              | <b>18</b>     | <b>13%</b> |
| ... IN COMMUNITY COLLEGE                   | <b>106</b>    | <b>77%</b> |
| A.A. Program                               | 37            | 27%        |
| A.S. Program                               | 7             | 5%         |
| Adult Vocational                           | <b>** ***</b> | 2%         |
| Vocational College Credit                  | 11            | 8%         |
| Other                                      | 48            | 35%        |
| ... IN STATE UNIVERSITY                    | <b>11</b>     | <b>8%</b>  |
| ... IN PRIVATE COLLEGE OR UNIVERSITY       | <b>6</b>      | <b>4%</b>  |

*Students may be in multiple settings, therefore,  
sum of detail may exceed total unduplicated count.*

OF TOTAL CONT. ED. THOSE FOUND EMP. **105 76%**

**RECEIVING PUBLIC ASSISTANCE**

(Temporary Assistance to Needy Families (TANF), Food Stamps)

|                                 |               |           |
|---------------------------------|---------------|-----------|
| RECEIVING TANF                  | <b>6</b>      | <b>1%</b> |
| ... & EMPLOYED                  | <b>** ***</b> | 50%       |
| RECEIVING FOOD STAMPS           | <b>18</b>     | <b>3%</b> |
| ... & EMPLOYED                  | 12            | 67%       |
| RECEIVING TANF &/or FOOD STAMPS | <b>20</b>     | <b>4%</b> |
| ... & EMPLOYED                  | 14            | 70%       |

**FL. DEPARTMENT OF CORRECTIONS DATA**

|                       |                |           |
|-----------------------|----------------|-----------|
| INCARCERATED          | <b>*** ***</b> | <b>1%</b> |
| COMMUNITY SUPERVISION | <b>20</b>      | <b>4%</b> |

## 1999-00 JOBS FOR FLORIDA'S GRADUATES - CLASS OF 2000 PARTICIPANTS - FALL 2000 FINDINGS

**TOTAL INDIVIDUALS 1,145**

**TOTAL WITH OUTCOME DATA**

**903 79%**

### FLORIDA EMPLOYMENT DATA (4th QTR)

|                                      |                |            |
|--------------------------------------|----------------|------------|
| FOUND EMPLOYED                       | <b>706</b>     | <b>62%</b> |
| AVERAGE EARNINGS - ALL               | <b>\$2,190</b> |            |
| ESTIMATED FULL TIME/FULL QTR (FT/FQ) | <b>233</b>     | <b>33%</b> |
| AVERAGE FT/FQ EARNINGS               | <b>\$3,941</b> |            |

*Percent working full qtr is of those employed.  
FT/FQ = earnings of at least \$2,678 per qtr (min. wage x 13 wks. x 40 hrs.)*

### EARNINGS BY LEVEL\*

Number of employed earning:

|   |            |            |
|---|------------|------------|
| Less Than Full Time/Full Qtr<br>(Qtrly Wage less than \$2,678)                                    | <b>473</b> | <b>67%</b> |
| Wages Between \$5.15 and \$7.49 Inclusive<br>(Qtrly Wages at least \$2,678 but less than \$3,900) | <b>146</b> | <b>21%</b> |
| Wages Between \$7.50 and \$8.99 Inclusive<br>(Qtrly Wages at least \$3,900 but less than \$4,680) | <b>50</b>  | <b>7%</b>  |
| Wages at Least \$9.00 per hr.<br>(Qtrly Wages at least \$4,680)                                   | <b>37</b>  | <b>5%</b>  |

*\*Levels determined by qtrly wage / 520 hrs. (40 hrs. x 13 wks.)*

### FEDERAL EMPLOYMENT DATA

|   |               |           |
|---|---------------|-----------|
| CIVILIAN EMPLOYMENT<br>(U.S. Post Office, U.S. Civil Service) | <b>** ***</b> | <b>0%</b> |
| FOUND IN THE MILITARY   | <b>41</b>     | <b>4%</b> |

### FLORIDA CONTINUING EDUCATION DATA

|  |               |            |
|--|---------------|------------|
| TOTAL CONT. THEIR EDUCATION (Unduplicated) | <b>444</b>    | <b>39%</b> |
| ... IN DISTRICT POSTSECONDARY              | <b>25</b>     | <b>6%</b>  |
| ... IN COMMUNITY COLLEGE                   | <b>324</b>    | <b>73%</b> |
| A.A. Program                               | <b>74</b>     | <b>17%</b> |
| A.S. Program                               | <b>10</b>     | <b>2%</b>  |
| Adult Vocational                           | <b>** ***</b> | <b>1%</b>  |
| Vocational College Credit                  | <b>19</b>     | <b>4%</b>  |
| Other                                      | <b>217</b>    | <b>49%</b> |
| ... IN STATE UNIVERSITY                    | <b>88</b>     | <b>20%</b> |
| ... IN PRIVATE COLLEGE OR UNIVERSITY       | <b>29</b>     | <b>7%</b>  |

*Students may be in multiple settings, therefore,  
sum of detail may exceed total unduplicated count.*

OF TOTAL CONT. ED. THOSE FOUND EMP. **292 66%**

### RECEIVING PUBLIC ASSISTANCE

(Temporary Assistance to Needy Families (TANF), Food Stamps)

|                                 |           |            |
|---------------------------------|-----------|------------|
| RECEIVING TANF                  | <b>13</b> | <b>1%</b>  |
| ... & EMPLOYED                  | <b>9</b>  | <b>69%</b> |
| RECEIVING FOOD STAMPS           | <b>82</b> | <b>7%</b>  |
| ... & EMPLOYED                  | <b>52</b> | <b>63%</b> |
| RECEIVING TANF &/or FOOD STAMPS | <b>83</b> | <b>7%</b>  |
| ... & EMPLOYED                  | <b>53</b> | <b>64%</b> |

### FL. DEPARTMENT OF CORRECTIONS DATA

|                       |                |           |
|-----------------------|----------------|-----------|
| INCARCERATED          | <b>*** ***</b> | <b>0%</b> |
| COMMUNITY SUPERVISION | <b>9</b>       | <b>1%</b> |

# 1998-99 JOBS FOR FLORIDA'S GRADUATES - CLASS OF 1999 PARTICIPANTS CONTROL - FALL 2000 FINDINGS

**TOTAL INDIVIDUALS 988**

**TOTAL WITH OUTCOME DATA**

**726 73%**

## FLORIDA EMPLOYMENT DATA (4th QTR)

|                                      |                |            |
|--------------------------------------|----------------|------------|
| FOUND EMPLOYED                       | <b>596</b>     | <b>60%</b> |
| AVERAGE EARNINGS - ALL               | <b>\$2,723</b> |            |
| <br>                                 |                |            |
| ESTIMATED FULL TIME/FULL QTR (FT/FQ) | <b>277</b>     | <b>46%</b> |
| AVERAGE FT/FQ EARNINGS               | <b>\$4,305</b> |            |

*Percent working full qtr is of those employed.  
FT/FQ = earnings of at least \$2,678 per qtr (min. wage x 13 wks. x 40 hrs.)*

### EARNINGS BY LEVEL\*

Number of employed earning:

|   |            |            |
|---|------------|------------|
| Less Than Full Time/Full Qtr<br>(Qtrly Wage less than \$2,678)                                    | <b>319</b> | <b>54%</b> |
| <br>  |            |            |
| Wages Between \$5.15 and \$7.49 Inclusive<br>(Qtrly Wages at least \$2,678 but less than \$3,900) | <b>129</b> | <b>22%</b> |
| <br>  |            |            |
| Wages Between \$7.50 and \$8.99 Inclusive<br>(Qtrly Wages at least \$3,900 but less than \$4,680) | <b>61</b>  | <b>10%</b> |
| <br>  |            |            |
| Wages at Least \$9.00 per hr.<br>(Qtrly Wages at least \$4,680)                                   | <b>87</b>  | <b>15%</b> |

*\*Levels determined by qtrly wage / 520 hrs. (40 hrs. x 13 wks.)*

### FEDERAL EMPLOYMENT DATA

|   |               |           |
|---|---------------|-----------|
| CIVILIAN EMPLOYMENT<br>(U.S. Post Office, U.S. Civil Service) | <b>** ***</b> | <b>0%</b> |
| FOUND IN THE MILITARY   | <b>7</b>      | <b>1%</b> |

## FLORIDA CONTINUING EDUCATION DATA

|  |            |            |
|--|------------|------------|
| TOTAL CONT. THEIR EDUCATION (Unduplicated) | <b>357</b> | <b>36%</b> |
| ... IN DISTRICT POSTSECONDARY              | <b>23</b>  | <b>6%</b>  |
| ... IN COMMUNITY COLLEGE                   | <b>255</b> | <b>71%</b> |
| A.A. Program                               | 113        | 32%        |
| A.S. Program                               | 26         | 7%         |
| Adult Vocational                           | 6          | 2%         |
| Vocational College Credit                  | 22         | 6%         |
| Other                                      | 88         | 25%        |
| ... IN STATE UNIVERSITY                    | <b>70</b>  | <b>20%</b> |
| ... IN PRIVATE COLLEGE OR UNIVERSITY       | <b>19</b>  | <b>5%</b>  |

*Students may be in multiple settings, therefore, sum of detail may exceed total unduplicated count.*

OF TOTAL CONT. ED. THOSE FOUND EMP. **252 71%**

### RECEIVING PUBLIC ASSISTANCE

(Temporary Assistance to Needy Families (TANF), Food Stamps)

|                                 |           |           |
|---------------------------------|-----------|-----------|
| RECEIVING TANF                  | <b>9</b>  | <b>1%</b> |
| ... & EMPLOYED                  | 6         | 67%       |
| <br>                            |           |           |
| RECEIVING FOOD STAMPS           | <b>50</b> | <b>5%</b> |
| ... & EMPLOYED                  | 32        | 64%       |
| <br>                            |           |           |
| RECEIVING TANF &/or FOOD STAMPS | <b>53</b> | <b>5%</b> |
| ... & EMPLOYED                  | 33        | 62%       |

### FL. DEPARTMENT OF CORRECTIONS DATA

|                       |                |           |
|-----------------------|----------------|-----------|
| INCARCERATED          | <b>***,***</b> | <b>0%</b> |
| COMMUNITY SUPERVISION | <b>13</b>      | <b>1%</b> |

**1999-00 JOBS FOR FLORIDA'S GRADUATES - CLASS OF 2000 PARTICIPANTS CONTROL - FALL 2000 FINDINGS****TOTAL INDIVIDUALS 2,113****TOTAL WITH OUTCOME DATA 1,698 80%****FLORIDA EMPLOYMENT DATA (4th QTR)**

|                                      |                |            |
|--------------------------------------|----------------|------------|
| FOUND EMPLOYED                       | <b>1,199</b>   | <b>57%</b> |
| AVERAGE EARNINGS - ALL               | <b>\$2,186</b> |            |
| ESTIMATED FULL TIME/FULL QTR (FT/FQ) | <b>400</b>     | <b>33%</b> |
| AVERAGE FT/FQ EARNINGS               | <b>\$3,945</b> |            |

*Percent working full qtr is of those employed.  
FT/FQ = earnings of at least \$2,678 per qtr (min. wage x 13 wks. x 40 hrs.)*

**EARNINGS BY LEVEL\***

Number of employed earning:

|   |            |            |
|---|------------|------------|
| Less Than Full Time/Full Qtr<br>(Qtrly Wage less than \$2,678)                                    | <b>799</b> | <b>67%</b> |
| Wages Between \$5.15 and \$7.49 Inclusive<br>(Qtrly Wages at least \$2,678 but less than \$3,900) | <b>245</b> | <b>20%</b> |
| Wages Between \$7.50 and \$8.99 Inclusive<br>(Qtrly Wages at least \$3,900 but less than \$4,680) | <b>76</b>  | <b>6%</b>  |
| Wages at Least \$9.00 per hr.<br>(Qtrly Wages at least \$4,680)                                   | <b>79</b>  | <b>7%</b>  |

*\*Levels determined by qtrly wage / 520 hrs. (40 hrs. x 13 wks.)*

**FEDERAL EMPLOYMENT DATA**

|   |           |           |
|---|-----------|-----------|
| CIVILIAN EMPLOYMENT<br>(U.S. Post Office, U.S. Civil Service) | <b>5</b>  | <b>0%</b> |
| FOUND IN THE MILITARY   | <b>71</b> | <b>3%</b> |

**FLORIDA CONTINUING EDUCATION DATA**

|  |            |            |
|--|------------|------------|
| TOTAL CONT. THEIR EDUCATION (Unduplicated) | <b>986</b> | <b>47%</b> |
| ... IN DISTRICT POSTSECONDARY              | <b>43</b>  | <b>4%</b>  |
| ... IN COMMUNITY COLLEGE                   | <b>599</b> | <b>61%</b> |
| A.A. Program                               | 153        | 16%        |
| A.S. Program                               | 27         | 3%         |
| Adult Vocational                           | 9          | 1%         |
| Vocational College Credit                  | 42         | 4%         |
| Other                                      | 368        | 37%        |
| ... IN STATE UNIVERSITY                    | <b>306</b> | <b>31%</b> |
| ... IN PRIVATE COLLEGE OR UNIVERSITY       | <b>90</b>  | <b>9%</b>  |

*Students may be in multiple settings, therefore,  
sum of detail may exceed total unduplicated count.*

OF TOTAL CONT. ED. THOSE FOUND EMP. **594 60%**

**RECEIVING PUBLIC ASSISTANCE**

(Temporary Assistance to Needy Families (TANF), Food Stamps)

|                                 |            |           |
|---------------------------------|------------|-----------|
| RECEIVING TANF                  | <b>35</b>  | <b>2%</b> |
| ... & EMPLOYED                  | 23         | 66%       |
| RECEIVING FOOD STAMPS           | <b>185</b> | <b>9%</b> |
| ... & EMPLOYED                  | 106        | 57%       |
| RECEIVING TANF &/or FOOD STAMPS | <b>193</b> | <b>9%</b> |
| ... & EMPLOYED                  | 112        | 58%       |

**FL. DEPARTMENT OF CORRECTIONS DATA**

|                       |               |           |
|-----------------------|---------------|-----------|
| INCARCERATED          | <b>*** **</b> | <b>0%</b> |
| COMMUNITY SUPERVISION | <b>13</b>     | <b>1%</b> |



THE FLORIDA LEGISLATURE

**OFFICE OF ECONOMIC AND DEMOGRAPHIC RESEARCH**

Edward Montanaro, Coordinator



MEMORANDUM

TO: John Turcotte, Director  
Office of Program Policy Analysis and Government Accountability

FROM: Edward Montanaro, Coordinator   
Office of Economic & Demographic Research

DATE: October 19, 2001

RE: Year 2 Report of the Longitudinal Study of the Jobs for Florida's Graduates Program

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Pursuant to legislation enacted by the Florida Legislature in 1998 (Ch. 98-218 [HB 1901], subsequently codified as Section 446.609, F.S.), the Office of Economic and Demographic Research is required to "undertake . . . an ongoing longitudinal study of participants to determine the overall efficacy of the [Jobs for Florida's Graduates] program" (see s. 446.609(13)(b)). This memorandum presents the selection process and data collected for the second year of the study. (See Appendix A for our report on the first year of the study.)

Methodology. Our study uses a control group methodology in which participants in the Jobs for America's Graduates (JAG) program are compared to a similarly situated control group. To compare the two groups, we are utilizing the Department of Education's Florida Education and Training Placement Information Program (FETPIP) to check the employment, earnings, military enlistment, and continuing education experience of each group. We will examine each set of JAG participants and controls each year for at least five years, and we will add a new set of JAG participants and controls each year for at least three years. A detailed description of the methodology used for the study is shown Appendix A.

The first year of the JAG program produced graduates in FY 1998-99 (Class of 1999). (Because the databases used for FETPIP tracking are available in March of the year following graduation, the first year of the program produced output in October 2000.) The second year of the JAG program produced graduates in FY 1999-2000 (Class of 2000). Results of tracking the Class of 1999 for two years and the Class of 2000 for one year are now available.

Class of 1999 Results. This is the second year of tracking for the JAG Class of 1999 and its corresponding control group. See Appendix A for details of the two groups' selection and composition.

Of the 543 Class of 1999 JAG participants from last year, 417 (76.8%) were found to match one or more of FETPIP's employment, education, public assistance, and corrections databases, compared to 439 in the first year. Of the 988 Class of 1999 Control participants from last year, 726 (73.5%) were found to match one or more FETPIP databases, compared to 743 in the first year.

A total of 373 1999 JAG participants and 611 1999 Control participants were found in both Year 1 and Year 2. Table 3 compares the outcomes for the participants with two years of tracking, for selected statistics. Generally speaking, the JAG students appear somewhat more likely to be employed in Florida and somewhat less likely to be continuing their education in a Florida post-secondary institution. This difference holds for both years.

| Table 1.   |        |         |        |         |
|--|--------|---------|--------|---------|
| OUTCOMES OVER TIME FOR CLASS OF 1999 - STUDENTS WITH OUTCOMES IN YEAR 1 AND YEAR 2 |        |         |        |         |
| Number   | Year 1 |         | Year 2 |         |
|  | JAG    | Control | JAG    | Control |
| All with outcomes  | 373    | 611     | 373    | 611     |
| Florida employment   | 328    | 495     | 336    | 518     |
| Federal employment   | 3      | 1       | -      | 2       |
| In military  | 2      | 8       | 2      | 7       |
| Florida Continuing Education   | 117    | 269     | 128    | 297     |
| ..continuing education and also employed   | 80     | 179     | 99     | 222     |
| Earnings:  |        |         |        |         |
| ..Less than full-time (Qtrly=\$2,678)  | 190    | 311     | 148    | 262     |
| ..Wages between \$5.15-\$7.49/hour (Qtrly \$2,678 to \$3,899)                      | 72     | 113     | 68     | 119     |
| ..Wages between \$7.50-\$8.99/hour (Qtrly \$3,900 to \$4,679)                      | 27     | 36      | 54     | 56      |
| ..Wages at least \$9.00 per hour (Qtrly at least \$4,680)                          | 39     | 34      | 66     | 81      |
| Receiving TANF &/or AFDC   | 7      | 12      | 5      | 7       |
| DOC data: incarcerated   | -      | -       | 3      | 1       |
| DOC data: community supervision  | 9      | 8       | 20     | 11      |
| Percentages of All with Outcomes   | Year 1 |         | Year 2 |         |
|  | JAG    | Control | JAG    | Control |
| All with outcomes  | 100.0% | 100.0%  | 100.0% | 100.0%  |
| Florida employment   | 87.9%  | 81.0%   | 90.1%  | 84.8%   |
| Federal employment   | 0.8%   | 0.2%    | 0.0%   | 0.3%    |
| In military  | 0.5%   | 1.3%    | 0.5%   | 1.1%    |
| Florida Continuing Education   | 31.4%  | 44.0%   | 34.3%  | 48.6%   |
| ..continuing education and also employed   | 21.4%  | 29.3%   | 26.5%  | 36.3%   |
| Earnings:  |        |         |        |         |
| ..Less than full-time (Qtrly=\$2,678)  | 50.9%  | 50.9%   | 39.7%  | 42.9%   |
| ..Wages between \$5.15-\$7.49/hour (Qtrly \$2,678 to \$3,899)                      | 19.3%  | 18.5%   | 18.2%  | 19.5%   |
| ..Wages between \$7.50-\$8.99/hour (Qtrly \$3,900 to \$4,679)                      | 7.2%   | 5.9%    | 14.5%  | 9.2%    |
| ..Wages at least \$9.00 per hour (Qtrly at least \$4,680)                          | 10.5%  | 5.6%    | 17.7%  | 13.3%   |
| Receiving TANF &/or AFDC   | 1.9%   | 2.0%    | 1.3%   | 1.1%    |
| DOC data: incarcerated   | 0.0%   | 0.0%    | 0.8%   | 0.2%    |
| DOC data: community supervision  | 2.4%   | 1.3%    | 5.4%   | 1.8%    |

JAG Class of 2000. For FY 1999-2000, 30 schools reported senior JAG participants. In July 2000, we received a final listing of the 1,192 JAG Class of 2000 seniors from the program's coordinators in Tampa. From this list, 1,162 participants had sufficient identification to allow submission to FETPIP for analysis. This is the first year of tracking for the JAG Class of 2000. A list of the schools with senior participants in the JAG program is shown in Table 2. Participant schools that were in the program last year and new to the program this year are noted.

| TABLE 2. Jobs for Florida's Graduates Program |                            |                     |                     |
|---|----------------------------|---------------------|---------------------|
| Schools with Senior Participants              |                            |                     |                     |
| FY 1999-2000 - Class of 2000                  |                            |                     |                     |
| School District                               | School                     | Participant in 1999 | Participant in 2000 |
| Bay   | A.D. Harris HS             | No                  | Yes                 |
| Broward                                       | Boyd Anderson HS           | Yes                 | Yes                 |
| Broward                                       | Dillard HS                 | No                  | Yes                 |
| Broward                                       | Ely HS                     | No                  | Yes                 |
| Broward                                       | Miramar HS                 | No                  | Yes                 |
| Dade  | American Senior HS         | No                  | Yes                 |
| Dade  | Hialeah HS                 | No                  | Yes                 |
| Dade  | Miami Central HS           | No                  | Yes                 |
| Dade  | Miami Edison HS            | No                  | Yes                 |
| Dade  | Miami Jackson HS           | No                  | Yes                 |
| Dade  | Miami Norland HS           | Yes                 | Yes                 |
| Dade  | Miami Springs HS           | Yes                 | Yes                 |
| Duval   | Edward White HS            | Yes                 | Yes                 |
| Duval   | Jean Ribault HS            | Yes                 | Yes                 |
| Escambia                                      | Escambia HS                | Yes                 | Yes                 |
| Escambia                                      | Pensacola HS               | Yes                 | Yes                 |
| Indian River                                  | Sebastian River HS         | No                  | Yes                 |
| Lee   | Ft. Myers HS               | Yes                 | Yes                 |
| Lee   | Riverdale HS               | No                  | Yes                 |
| Marion  | Bellevue HS                | Yes                 | Yes                 |
| Orange  | Maynard Evans HS           | Yes                 | Yes                 |
| Orange  | Oak Ridge HS               | Yes                 | Yes                 |
| Osceola                                       | St. Cloud HS               | Yes                 | Yes                 |
| Polk  | Lake Alfred Career Academy | Yes                 | Yes                 |
| Putnam  | Interlachen HS             | No                  | Yes                 |
| Putnam  | Palatka HS                 | Yes                 | Yes                 |
| Sarasota                                      | Booker HS                  | No                  | Yes                 |
| Sarasota                                      | Riverview HS               | Yes                 | Yes                 |
| Sarasota                                      | Sarasota HS                | Yes                 | Yes                 |
| Volusia                                       | New Smyrna Beach HS        | No                  | Yes                 |

Schools participating in the Class of 1999 but not in the Class of 2000 were: Ely HS (Broward); Vero Beach HS (Indian River); Lake Weir HS (Marion); and Evelyn Hamblen Center (St. Johns).

Control Group Class of 2000. In October 2000, the Department of Education provided us with a Fall 1999 list of 8,489 12<sup>th</sup> grade students from the same schools. From this list, we found 8,076 students with valid identification who were not in the JAG participant group and who matched the characteristics of JAG participants. Students were coded along the same three variables as the JAG participants: gender (male or female); ethnicity (black, Hispanic, other, or white); and free lunch status (eligible or not eligible). An attempt was made to select two students from each code for each JAG student in that school with that code to ensure that an adequately large control group remains in the final years of the study. In some cases, there were not enough students with matching codes to create a two-for-one match. After the matching and random selection process, a control group of 2,121 students was selected.

Table 3 displays the gender, ethnicity, and free or reduced price lunch eligibility status of both the JAG participants and the Control group for the Class of 2000.

| TABLE 3. Jobs for Florida's Graduates Program                          |       |        |                       |        |  |
|--|-------|--------|-----------------------|--------|--|
| Characteristics of JAG Class of 2000 Compared to Control Class of 2000 |       |        |                       |        |  |
| JAG Class of 2000  |       |        | Control Class of 2000 |        |  |
|  | N     | %      | N                     | %      |  |
| <b>Gender</b>  |       |        |                       |        |  |
| Male   | 608   | 52.3%  | 1,117                 | 52.7%  |  |
| Female   | 554   | 47.7%  | 1,004                 | 47.3%  |  |
| TOTAL  | 1,162 | 100.0% | 2,121                 | 100.0% |  |
| <b>Ethnicity</b>   |       |        |                       |        |  |
| Black  | 574   | 49.4%  | 1,097                 | 51.7%  |  |
| Hispanic   | 231   | 19.9%  | 462                   | 21.8%  |  |
| Other*   | 106   | 9.1%   | 107                   | 5.0%   |  |
| White  | 251   | 21.6%  | 455                   | 21.5%  |  |
| TOTAL  | 1,162 | 100.0% | 2,121                 | 100.0% |  |
| *Other includes Asian, American Indian and Multiracial.                |       |        |                       |        |  |
| <b>Eligible for free or reduced price lunch</b>                        |       |        |                       |        |  |
| No   | 551   | 47.4%  | 1,071                 | 50.5%  |  |
| Yes  | 611   | 52.6%  | 1,050                 | 49.5%  |  |
| TOTAL  | 1,162 | 100.0% | 2,121                 | 100.0% |  |

Class of 2000 Results. Of the 1,162 JAG participants submitted to FETPIP, 1,145 (98.5%) had valid identification for matching. Of these, 903 (78.9%) were found to match one or more of FETPIP's employment, education, public assistance, and corrections databases. Of the 2,121 Control group 12<sup>th</sup> graders submitted to FETPIP, 2,113 (99.6%) had valid identification for matching. Of these, 1,698 (80.4%) were found to match one or more FETPIP databases.

Table 4 compares the Class of 2000 JAG participants with the control group, for those individuals who matched one or more FETPIP databases. Those with matches in the FETPIP data seem closely matched demographically.

| TABLE 4. Jobs for Florida's Graduates Program           |                   |        |  |                       |        |
|---|-------------------|--------|--|-----------------------|--------|
| Characteristics of JAG Class of 2000 with Outcomes      |                   |        |  |                       |        |
| Compared to Control Class of 2000 with Outcomes         |                   |        |  |                       |        |
|   | JAG Class of 2000 |        |  | Control Class of 2000 |        |
|   | With Outcome Data |        |  | With Outcome Data     |        |
|   | N                 | %      |  | N                     | %      |
| Gender  |                   |        |  |                       |        |
| Male  | 408               | 45.2%  |  | 762                   | 44.9%  |
| Female  | 495               | 54.8%  |  | 936                   | 55.1%  |
| TOTAL   | 903               | 100.0% |  | 1,698                 | 100.0% |
| Ethnicity   |                   |        |  |                       |        |
| Black   | 436               | 48.3%  |  | 873                   | 51.4%  |
| Hispanic  | 188               | 20.8%  |  | 371                   | 21.8%  |
| Other*  | 81                | 9.0%   |  | 79                    | 4.7%   |
| White   | 198               | 21.9%  |  | 375                   | 22.1%  |
| TOTAL   | 903               | 100.0% |  | 1,698                 | 100.0% |
| *Other includes Asian, American Indian and Multiracial. |                   |        |  |                       |        |
| Eligible for free or reduced price lunch                |                   |        |  |                       |        |
| No  | 431               | 47.7%  |  | 864                   | 50.9%  |
| Yes   | 472               | 52.3%  |  | 834                   | 49.1%  |
| TOTAL   | 903               | 100.0% |  | 1,698                 | 100.0% |

As in the two-year comparison for the Class of 1999, more of 12<sup>th</sup> grade control group (47% to 39%) opted to continue their education, while more of the JAG participants (62% to 57%) were found employed.

Results of FETPIP Outcome Comparisons. Results of the FETPIP analysis are shown in the attachments to this report. For the Class of 1999, the data represents the second year of tracking; this is the first year of data for the Class of 2000. Next year's data will include the third year for the Class of 1999, the second year for the Class of 2000, and the first year for the Class of 2001.

cc: Representative Jerry Melvin  
Senator Villalobos  
Senator Stephen Wise  
Duane Whitfield, Director FETPIP